

(use as many sheets as necessary)

Sheet 1 of 1

JUL 13 2006

| | |
|----------------------|----------------------------|
| Application Number | 10/565,281 |
| Filing Date | |
| First Named Inventor | Fabienne Guehenneux et al. |
| Examiner Name | |
| Attorney Docket No. | 1017753-000214 |

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|----------------------|--|
| /SS/ | PAIN, B., et al., " <i>Long-term in vitro culture and characterisation of avian embryonic stem cells with multiple morphogenetic potentialities</i> ", Development Company of Biologists, 1996, pp. 2239-2348, vol. 122, no. 8, Cambridge, GB |
| /SS/ | DREXLER, I., et al., " <i>Highly attenuated modified vaccinia virus Ankara replicates in baby hamster kidney cells, a potential host for virus propagation, but not in various human transformed and primary cells</i> ", Journal of General Virology, February 1998, pp. 347-352, vol. 79, no. 2, Society for General Microbiology, Reading, GB |
| | |

| | | | |
|-----------------------|-----------------|--------------------|------------|
| Examiner Signature | /Stuart Snyder/ | Date Considered | 06/26/2007 |
|-----------------------|-----------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

| | |
|----------------------|----------------------------|
| Application Number | 10/565,281 |
| Filing Date | July 22, 2004 |
| First Named Inventor | Fabienne Guehenneux et al. |
| Examiner Name | |
| Attorney Docket No. | 1017753-000214 |

U.S. PATENT DOCUMENTS

| | | | | |
|-------------------|-----------------|----------------------|---|-------------------------------------|
| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
|-------------------|-----------------|----------------------|---|-------------------------------------|

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS | | | | | | |
|-------------------|-----------------|----------------------|---------|----------------------------------|-------------|-------------|---------------------|--------------------|---------------|------|----------|
| | | | | | Translation | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract |

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
|--------------------|---|---|-------------------------------|
| /SS/ | BEUG H., et al., " <i>Chicken Hematopoietic Cells Transformed by Seven Strains of Defective Avian Leukemia Viruses Display Three Distinct Phenotypes of Differentiation</i> ," Cell, October 1979, pp. 375-390, vol. 18, MIT | | |
| | | SUGIMOTO M., et al., " <i>Characteristics of an attenuated vaccinia virus strain, LC16m0, and its recombinant virus vaccines</i> ," Vaccine, 1994, pp. 675-681, vol. 12, no. 8, Butterworth-Heinemann Ltd. | |
| | | MOSS, " <i>Replicating and Host-Restricted Non-Replicating Vaccinia Virus Vectors for Vaccine Development</i> ," Dev. Biol. Stand, 1994, pp. 55-63, vol. 82, S. Karger AG, Basel | |
| | | SMITH J.R., et al., " <i>Replicative Senescence: Implications for in Vivo Aging and Tumor Suppression</i> ," Science, July 5, 1996, pp. 63-67, vol. 273 | |
| | | LIU J.L., et al., " <i>Monoclonal Antibodies Recognizing Normal and Retrovirus-Transformed Chicken Hematopoietic Cells</i> ," Virology, 1992, pp. 583-591, vol. 189, Academic Press Inc. | |
| | | GUILHOT C., et al., " <i>The 12S adenoviral E1A protein immortalizes avian cells and interacts with the avian RB product</i> ," Oncogene, 1993, pp. 619-624, vol. 8, Macmillan Press Ltd. | |
| | | TARTAGLIA J., et al., " <i>NYVAC: A Highly Attenuated Strain of Vaccinia Virus</i> ," Virology, 1992, pp. 217-232, vol. 188, Academic Press, Inc. | |
| | | KAWAGUCHI T., et al., " <i>Establishment and Characterization of a Chicken Hepatocellular Carcinoma Cell Line, LMH</i> ," Cancer Research, August 15, 1987, pp. 4460-4464, vol. 47 | |
| | | SAMARUT J., et al., " <i>Target Cells Infected by Avian Erythroblastosis Virus Differentiate and Become Transformed</i> ," Cell, April 1982, pp. 921-929, vol. 28, MIT | |
| | | PAIN B., et al., " <i>Chicken Embryonic Stem Cells and Transgenic Strategies</i> ," Cells Tissues Organs, 1999, pp. 212-219, vol. 165, S. Karger AG, Basel | |
| | | EYAL-GILADI H., et al., " <i>From Cleavage to Primitive Streak Formation: A Complementary Normal Table and a New Look at the First Stages of the Development of the Chick</i> ," Developmental Biology, 1976, pp. 321-337, vol. 49, Academic Press, Inc. | |
| | | MOSCOVICI C., et al., " <i>Continuous Tissue Culture Cell Lines Derived from Chemically Induced Tumors of Japanese Quail</i> ," Cell, May 1977, pp. 95-103, vol. 11, MIT | |
| | | BAHA T., et al., " <i>Formation of a transformed follicle is necessary but not sufficient for development of an avian leukosis virus-induced lymphoma</i> ," Proc. Natl. Acad. Sci., January 1985, pp. 213-216, vol. 82, USA | |
| | | BLANCHARD T., et al., " <i>Modified vaccinia virus Ankara undergoes limited replication in human cells and lacks several immunomodulatory proteins: implications for use as a human vaccine</i> ," Journal of General Virology, 1998, pp. 1159-1167, vol. 79, Great Britain | |
| Examiner Signature | /Stuart Snyder/ | | Date Considered 06/26/2007 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

| | |
|----------------------|----------------------------|
| Application Number | 10/565,281 |
| Filing Date | July 22, 2004 |
| First Named Inventor | Fabienne Guehenneux et al. |
| Examiner Name | |
| Attorney Docket No. | 1017753-000214 |

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|----------------------|---|
| /SSI/ | KEMPE C.H., et al., "Smallpox Vaccination of Eczema Patients with a Strain of Attenuated Live Vaccinia (CVI-78)," Pediatrics, December 1968, pp. 980-985, vol. 42, no. 6, www.pediatrics.org |
| ↓ | KIM H., et al., "Alterations in p53 and E2F-1 function common to immortalized chicken embryo fibroblasts," Oncogene, 2001, pp. 2671-2682, vol. 20, Nature Publishing Group |
| ↓ | KIM H., et al., "Post-transcriptional inactivation of p53 in immortalized murine embryo fibroblast cells," Oncogene, 2001, pp. 3306-3310, vol. 20, Nature Publishing Group |

Examiner
Signature

/Stuart Snyder/

Date
Considered

06/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.